



# Cotton System Consumption and Stocks

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## Highlights

**November 2021** contained 30 days.

**December 2021** contained 31 days.

**Extra long staple cotton** consumed on the cotton system was 583,000 pounds in December 2021, up 7 percent from November 2021 and up 19 percent from December 2020. December 2021 stocks on hand on the last Saturday of the month totaled 2.24 million pounds, up 8 percent from November 2021 and up 28 percent from December 2020.

**Total Manmade fiber** consumed on the cotton system was 31.0 million pounds during December 2021, down 3 percent from November 2021 but up 29 percent from December 2020. Of the total manmade fiber consumed, 92 percent was polyester staple.

**Total number of spindles** on the cotton system was 1.07 million during December 2021. Active spindles consuming 100 percent cotton was 613,000 in December 2021, up 1 percent from November 2021 and up 4 percent from December 2020.

## Consumption and Stocks – United States: December 2021 with Comparisons

Item	December 2020	November 2021	December 2021
<b>Extra long staple</b>			
Consumed			
Running bales .....number	989	1,112	1,183
Weight .....1,000 pounds	489	544	583
Stocks on hand (last Saturday of the month)			
Running bales .....number	3,649	4,211	4,533
Weight .....1,000 pounds	1,758	2,083	2,242
<b>Rayon and acetate staple</b>			
Consumed .....1,000 pounds	630	837	857
Stocks on hand (last Saturday of the month) .....1,000 pounds	771	(D)	(D)
<b>Polyester staple</b>			
Consumed .....1,000 pounds	22,400	29,888	28,686
Stocks on hand (last Saturday of the month) .....1,000 pounds	23,235	25,285	24,690
<b>Other manmade fiber staple</b>			
Consumed .....1,000 pounds	1,041	1,359	1,483
Stocks on hand (last Saturday of the month) .....1,000 pounds	1,214	1,844	1,723

(D) Withheld to avoid disclosing data for individual operations.

## Spindles in Place, Active Spindles and Spindle Hours Operated – United States: December 2021 with Comparisons

Item	December 2020	November 2021	December 2021
<b>Cotton-system spindles in place</b>			
Ring spindles .....1,000	826	773	773
Airjet spindles .....1,000	26	24	24
Open-end spindles .....1,000	283	272	272
<b>Cotton-system spindles active</b>			
Spindles consuming 100% cotton .....1,000	589	609	613
.....million hours	370	428	423
Spindles consuming 100% manmade fiber .....1,000	25	33	32
.....million hours	12	15	13
Spindles consuming mixtures or blends .....1,000	407	362	356
.....million hours	218	225	214

## Statistical Methodology

**Survey Procedures:** *Cotton System Consumption and Stocks* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Data are collected from all known mills that consume cotton.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of cotton consumption and spindle activity in 2014.

In the Cotton and Manmade Fiber Staple survey questionnaires, mills are asked for previous calendar month data on cotton and manmade fiber consumed, stocks and spindle activity. Mills are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

**Estimating Procedures:** Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

**Revision Policy:** Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

**Reliability:** Approximately 50 reports are received each month which represent about 95 percent of total spindles. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@usda.gov](mailto:nass@usda.gov)

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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